Defense Information Infrastructure (DII)

Common Operating Environment (COE)

Version Description Document
for Kernel Version 3.0.1.0 Patch 7
(HP-UX 10.20)

December 12, 1997

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NOTE: `Courier` font is used to indicate entries to be typed at the keyboard, UNIX commands, file and directory names, and screen text. For example:

The file is located in the `DII_DEV` directory.

1. System Overview

The Defense Information Infrastructure (DII) Common Operating Environment (COE) will normally make available a large number of segments, not all of which are required for every application. The DII COE Kernel is the minimum set of software required on every workstation regardless of how the workstation will be used. This minimum set of software includes the operating system and windowing services, as well as external environment interfaces.

Since this is a roll-up patch, all Kernel Version 3.1 changes incorporated in previous patches (except Patch 5) are in effect for this patch. See Section 6, *Release Notes*, for more information on Patch 5.

2. Referenced Documents

The following documents are referenced in this Version Description Document (VDD):

C DII.3010.HP1020.Kernel.P6.IG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Installation Guide for Kernel Version 3.0.1.0 Patch 6 (HP-UX 10.20),* December 1, 1997

C DII.3010.HP1020.Kernel.VDD-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.1.0 Version Description Document for the Kernel (HP-UX 10.20),* April 14, 1997

C DII.3010.HP1020.KernelP1.VDD-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.1.0 Version Description Document for the Kernel Patch 1 (HP-UX 10.20),* May 9, 1997

C DII.3010.HP1020.KernelP2.VDD-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.1.0 Version Description Document for the Kernel Patch 2 (HP-UX 10.20),* July 30, 1997

C DII.3010.HP1020.KernelP3.VDD-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.1.0 Version Description Document for the Kernel Patch 3 (HP-UX 10.20),* August 22, 1997

C DII.3010.HP1020.KernelP4.VDD-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.1.0 Version Description Document for the Kernel Patch 4 (HP-UX 10.20),* August 27, 1997

C   DII.3010.HP1020.Kernel.P6.VDD-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version Description Document for Kernel Version 3.0.1.0 Patch 6 (HP-UX 10.20),* December 1, 1997.

3.   Version Description

3.1   Inventory of Materials Released

C   <u>Magnetic media</u>: Two 4mm DATs consisting of a relative tar of the DII COE Kernel Version 3.0.1.0 Patch 7 (HP-UX 10.20).

C   <u>Soft-copy Documentation</u>: One 3.5" floppy diskette (WordPerfect 6.0/6.1 for Windows format) containing the *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version Description Document for Kernel Version 3.0.1.0 Patch 7 (HP-UX 10.20)*, Document Control No. DII.3010.HP1020.Kernel.P7.VDD-1, December 12, 1997.

C   <u>Hard-copy Documentation</u>: Two hard copies of the aforementioned VDD.

3.2 Software Changes

3.2.1 Kernel Version 3.0.1.0 Patch 7 Software Changes

The following table lists the software changes for the DII COE Kernel Version 3.0.1.0 Patch 7 (HP-UX 10.20) in order of agency number and then INRI number.

DII COE Kernel Version 3.0.1.0 Patch 7 (HP-UX 10.20) Software Changes
Total Software Changes: [2]
Agency Number: None **INRI Number**: RTO00002098 **Short Description**: In the data directory of KP5 and KP7, the "devices" files are not identical. **Long Description**: When Kernel Patch 7 is loaded on a machine after the DII COE Kernel has been loaded the "bin" and "data" directories under /h/COE/Comp/Printer are linked to /h/COE/Patches/P7/data/Printer/bin and /h/COE Patches/P7/data/Printer/data respectively. When Kernel Patch 5 was installed the "bin" and "data" directories under /h/COE/Comp/Printer are linked to /h/COE/Patches/P5/bin and /h/COE/Patches/P5/data respectively. Kernel Patch 7 attempts to relink these directories but fails because the links are already there. Of the 22 scripts/binaries located in /h/COE/Patches/P7/data/Printer/bin and /h/COE/Patches/P5/bin only 8 of them are identical (using sum).
Agency Number: None **INRI Number**: RTO00002099 **Short Description**: Kernel Patch 7 is not cleaning up. **Long Description**: After Kernel Patch 7 has installed it does not remove the scripts, patches and packages that it used to upgrade the system. As a result there are approximately 38MB of software in /h/COE/Patches/P8/data that is no longer needed and is consuming valuable disk space.

3.2.2   Kernel Version 3.0.1.0 Patch 7 COTS and GOTS Software Changes

Refer to the following table for a list of commercial off-the-shelf (COTS) and Government off-the-shelf (GOTS) software changes for the DII COE Kernel Version 3.0.1.0 Patch 7 (HP-UX 10.20).

DII COE Kernel Version 3.0.1.0 Patch 7 (HP-UX 10.20) COTS and GOTS Software Changes
Total Software Changes: [1]
Agency Number: None. **INRI Number**: RTO30000197 **Short Description**: Corruption of .AppData.dat file **Long Description**: When the entries in the econ file does not have the fourth field, the comment field, the .App.dat file is corrupted.

3.2.3   Previously Reported Kernel Version 3.0.1.0 Patch Software Changes

The following table lists the previously reported software changes for the DII COE Kernel Version 3.0.1.0 Patches (HP-UX 10.20) in order of agency number and then INRI number.

Previously Reported DII COE Kernel Version 3.0.1.0 Patch (HP-UX 10.20) Software Changes
Total Software Changes: [48]
Agency Number: D60250 **INRI Number**: RTO00000557 **Short Description**: The Set DNS option will accept an invalid IP address for a DNS server host. **Long Description**: The Set DNS option will accept an invalid IP address for the server host. The IP address should at least be confirmed as a valid machine before exiting the window. If the machine is invalid, a warning window should appear. If DNS is not set correctly on an HP machine, the machine cannot find its own address during reboot. Therefore, from a user perspective, the machine must be reloaded.
Agency Number: D60296 **INRI Number**: RTO00001064 **Short Description**: The Installer does not go from /h to /home1 automatically. **Long Description**: The Installer does not go from /h to /home1 automatically.

Previously Reported DII COE Kernel Version 3.0.1.0 Patch (HP-UX 10.20) Software Changes

Agency Number: D60412

INRI Number: RTO00001203

Short Description: The Change Machine ID menu option does not work properly.

Long Description: The Change Machine ID menu option under the Network menu does not work properly. When the Change Machine ID window appears, it does not allow the name of the machine to be edited; instead, the user must select a machine from the list. Even if the user selects a machine from the list, the machine name does not change in all of the required locations because the machine does not come back up after the machine is rebooted.

Agency Number: D60427

INRI Number: RTO00001388

Short Description: COTS aggregate children are not installing properly.

Long Description: COTS aggregate child segments are installing in the / directory. The parent segment is a software type and the children are COTS segments. The COEInstaller installs the child by creating a /COTS directory and then links that directory back to /h/COTS. This is incorrect and will cause the / partition to fill up fast.

Agency Number: D60449

INRI Number: RTO00001466

Short Description: Installation of the RemoteInstaller segment causes the Installer to terminate abruptly.

Long Description: Installation of the RemoteInstaller segment causes the Installer to terminate abruptly.

Agency Number: D70119

INRI Number: RTO00001385

Short Description: The Assign Passwords icon does not launch.

Long Description: When the user clicks on the Assign Passwords icon in the SSO_Default profile, the front panel light flashes for a few moments, but the application does not launch because the group on the executable is incorrect.

Agency Number: D70123

INRI Number: RTO00001516

Short Description: EM_get_current_printer_name hangs when called.

Long Description: The Netscape segment failed to install when EM_get_current_printer_name was used to return the default printer. The API hangs and the COEInstaller hangs as a result.

Previously Reported DII COE Kernel Version 3.0.1.0 Patch (HP-UX 10.20) Software Changes

Agency Number: D70267

INRI Number: RTO00001303

Short Description: The Segment Installation Server deinstalls segments that have not been chosen for deinstallation.

Long Description: The Segment Installation Server deinstalls segments that have not been chosen for deinstallation. When the user selects a segment for deinstallation and confirms the deinstallation (which lists the chosen segment as the one selected for deinstallation), deinstallation proceeds but another segment is deinstalled instead. Upon completion, the Installation Log shows that a different segment (not the one selected) deinstalled; in the Installer window, the chosen segment is still listed but the one shown in the Installation Log is no longer present. For example, install several segments on the Segment installation Server, including JMAPS_NEW, BRAVO, BRAVO.P1, ECHO, and INDIA0. Then deinstall BRAVO.P1; Normalization (part of JMAPS_NEW aggregate) deinstalls instead. On the second attempt at deinstalling BRAVO.P1, Journaling (another part of the JMAPS_NEW aggregate) deinstalls. Then deinstall ECHO; BRAVO.P1 deinstalls instead. See related STR RTO00001000, which was closed in the DII COE Version 3.0.0.3 build.

Agency Number: D70271

INRI Number: RTO00001518

Short Description: COEInstaller, TestInstall, and TestRemove are not searching the default paths for required segments.

Long Description: When a required segment with a specified path is not found, the segment then should be searched for in the standard "COE" paths. COEInstaller, TestInstall, and TestRemove, however, are not searching the default paths for required segments; as a result, segments are failing to install due to "missing" required segments even though the segments are present on the system.

Agency Number: D70273

INRI Number: RTO00001651

Short Description: Remote Display via PC-XServer.

Long Description: When trying to remote display (log on as a user from a PC), the display flashes back to the XDM login display. Investigation revealed that the script ".login COE" in /h/COE/scripts does not detect the correct display host. If the code in the above script is commented out, the remote login from a PC via a PC-XServer works correctly. (Comment out code that sets $DISPLAY.)

Agency Number: D70338

INRI Number: RTO00001448

Short Description: The network installation checks for an exact version match from the Requires file and fails if it cannot find the file.

Long Description: The network installation checks for an exact version match from the Requires file and fails if it cannot find the file. The Installer should not fail if a later version number exists.

Previously Reported DII COE Kernel Version 3.0.1.0 Patch (HP-UX 10.20) Software Changes

Agency Number: D70341

INRI Number: RTO00001539

Short Description: Patch segments cannot be installed from the network.

Long Description: Patch segments can be installed from tape but not from the network (NETWORK option in the Select Source window, Device panel). When attempting to install a patch from the network, the following error message appears: "Unable to get [VERSION] descriptor information. Couldn't get the patch number".

Agency Number: D70343

INRI Number: RTO00001471

Short Description: The Installer has problems with large disks and has diagnostic problems.

Long Description: SAInstaller was showing invalid data for the size of large (greater than 8 MB) hard drives. Also, the SAInstaller terminal emulator functionality (used in GCCS 2.2 to view the "-debug" output from the SAInstaller) was broken, which brings up the issue that GCCS users constantly need to view diagnostic outputs from the Installer. This capability must exist in DII COE Version 3.0.

Agency Number: D70348

INRI Number: RTO00001836

Short Description: Directory /h needs 777 permissions.

Long Description: The directory /h currently has 775 permissions and needs 777 permissions. Owner is root and group is COE. A segment in /h needs to be able to write to its own directory without being root or COE group. Workaround: As root, type in the command chmod 777 /h.

Agency Number: D70368

INRI Number: RTO00001646

Short Description: Multiple account groups cannot be specified.

Long Description: Page 5-94 of the I&RTS states that the user may have "one or more $SEGMENTS lines" in the SegName file, which would allow the segment to belong to more than one account group. However, only the first $SEGMENT is recognized when a segment is loaded.

Previously Reported DII COE Kernel Version 3.0.1.0 Patch (HP-UX 10.20) Software Changes

Agency Number: D70380

INRI Number: RTO00001932

Short Description: COEInstaller will not install segments in debug mode.

Long Description: COEInstaller will not install segments in debug mode. In the debug mode, the COE Installer takes over 90% of the CPU resources and hangs the system. The COE Installer completes installation, but the only way the process can be ended is to "kill" it. This problem has been identified on multiple segments.

Workaround: Workaround concerning the debug mode is to set the display environment variable to unix:0.0. To do this in the cshell, type the following at the command prompt:
           setenv
           DISPLAY unix:0.0.

Agency Number: D70410

INRI Number: RTO00002010

Short Description: Bad Information in banner.

Long Description: When executing the script, /h/COE/bin/COESecLevel to change the classification banner it was noticed that the selection of either TS or SCI change the banner to read TOP SECRET (SI/TK). This should not be the case for just a Top Secret Banner

Agency Number: D70421

INRI Number: RTO00001834

Short Description: The user receives a CoeInstaller segmentation fault when specifying a partial version in the [Requires] descriptor.

Long Description: A sample segment with a version number of 1.0.0.3 is loaded in the system. Its name is "Segment One" and its prefix is "One". A second segment states its dependency on the first in the (Requires) section of the seginfo file as shown:
Segment One: One:/h/One:1.0
Attempting to load Segment Two results in segmentation fault.
Segment Two will not load from network; the user receives the warning "The required segment not found in disk."
According to the I&RTS Rev 3.0, Section 3.1.1, Segment Version Numbers, Segment A may indicate that it requires Segment B, Version 2.3, indicating that any maintenance release of Version 2.3 (e.g., 2.3.2.0, 2.3.1.2) is acceptable.

Previously Reported DII COE Kernel Version 3.0.1.0 Patch (HP-UX 10.20) Software Changes

Agency Number: D70551

INRI Number: RTO00001839

Short Description: The ReqrdScripts fails to update the .../global/Profiles/<account group default when a new segment is loaded.

Long Description: The ReqrdScripts fails to update the .../global/Profiles/<account group default when a new segment is loaded. However, it update the local/Profiles directory. This problem prevents an account group environment from being extended. Since the SA and SSO account groups cannot be modified, the extentions must be placed in the appropriate profiles directory.

Workaround: Source the /h/AcctGrp/<account group>/Scripts.cshrc.<extension> files instead. The global profiles then work since the SegInfo directive causes this area to be properly updated.

NOTE: GSPR D70551 has been addressed for Security Administration and System Administration account groups. See *Release Notes* for details on how to extend the environment for global profiles with other account group types.

Agency Number: D70556

INRI Number: RTO00001838

Short Description: The Menu bar and classification banner fail to appear on certain workstations when using a global account.

Long Description: The Menu bar and classification banner fail to appear when using a global account from a workstation that does not have the account group loaded and requires a menu option to be displayed. Although this error can be corrected by loading all account groups on every workstation, DII COE should not attempt to load a menu for which the data doesn't exist. Or, if the data is loaded, the menu bar and classification banner should not be terminated. Also, when a global user logs onto a workstation (one that does not have all the applications that appear in the user's profile locally loaded) and selects an icon, the user should get an indication that the application is not available -- instead of nothing happening.

Agency Number: D70605

INRI Number: RTO00001554

Short Description: The Process Manager does not run logout processes upon logout.

Long Description: The Process Manager does not run the commands in the session logout file upon logout. Instead, the commands are being run at the next login. This problem was tested as a basic JMCIS user. This problem has no workaround.

Previously Reported DII COE Kernel Version 3.0.1.0 Patch (HP-UX 10.20) Software Changes

Agency Number: None.

INRI Number: RTO00001119

Short Description: An error occurs when installing a single aggregate from a tape.

Long Description: If a tape contains multiple aggregates and only one is selected, all children on the tape are selected instead of just the children of the selected parent.

Agency Number: None.

INRI Number: RTO00001295

Short Description: The Change Machine ID option should not allow selection of the local host because it locks up the system.

Long Description: The Change Machine ID option should not allow the user to select the local host (the machine being used). Selection of the local host locks up the system and prevents login to any accounts after reboot.

Agency Number: None.

INRI Number: RTO00001296

Short Description: The Edit Local Hosts option should not allow the user to remove or modify information about the machine being used.

Long Description: The Edit Local Hosts option should not allow the user to remove the machine being used from the list of machines that can be accessed or modify information about the machine being used.

Agency Number: None.

INRI Number: RTO00001297

Short Description: If NIS setup is closed before setup is complete while C2 is on, no login is allowed.

Long Description: The user logged in as sysadmin and initialized NIS. In the first dialog, leaving the entry blank, the user selected OK. The next window asked for a Master machine. The user clicked on the upper left menu box and closed the window. A new window appeared stating 'is readable'. The user clicked on OK. If the user reboots the machine, the user will not be able to log in because of an 'invalid home directory'. The user cannot log in as root, sysadmin, or secman.

Previously Reported DII COE Kernel Version 3.0.1.0 Patch (HP-UX 10.20) Software Changes

Agency Number: None.

INRI Number: RTO00001319

Short Description: The AdmMgr and COEPrintServ programs fail to launch at boot time.

Long Description: The AdmMgr and COEPrintServ programs fail to launch at boot time. When the COEStartProcMgr launches, it does not know where the "sleep" program is located. Without the sleep program running at the correct time, the AdmMgr and COEPrintServ programs will not launch correctly. The solution to the problem is to use /bin/sleep in the COEStartProcMgr scripts instead of sleep. (UB must be reloaded to repeat.)

Agency Number: None.

INRI Number: RTO00001415

Short Description: Problem using the APPEND keyword for top-level menu items that do not exist.

Long Description: In UB 2.2.0.5, the APPEND command can be used for a top-level menu item (one appending on the menu bar itself) and the menu item would be created if it did not exist. Subsequent APPENDs to that menu item (from various segments) would then simply append to the one created. In the DII build, if the APPEND keyword is used for a top-level menu item and it does not exist, it will be created; however, any subsequent APPENDs will cause the new menu item not to be displayed. If even one of the APPENDs is changed to a PDMENU, everything works fine again; however, more than one PDMENU will result in more than one top-level menu item being displayed. The problem is that we have APPENDs to the same top-level menu item (primarily Database and Messages) spread across many segments, not all of which will be loaded at any given workstation. These top-level menu items do not exist prior to one of our segments being loaded.

Agency Number: None.

INRI Number: RTO00001423

Short Description: The COEInstaller does not remove patch segments in the proper order.

Long Description: The COEInstaller does not remove patch segments in the proper order. According to the I&RTS, "The COEInstaller software assumes that higher numbered patches must be removed before a lower numbered patch can be removed." Patches, however, can be removed out of sequence order. This problem is repeatable. The Installer should not allow older patches to be deinstalled before newer patches (i.e., P1 should not be able to be deinstalled if P2 exists).

Agency Number: None.

INRI Number: RTO00001450

Short Description: Multiple aggregates are not installed correctly.

Long Description: Multiple aggregates are not installed correctly. The Installer installs one aggregate correctly, but the other aggregates fail installation.

Previously Reported DII COE Kernel Version 3.0.1.0 Patch (HP-UX 10.20) Software Changes

Agency Number: None.

INRI Number: RTO00001467

Short Description: DII should allow a user session to be run manually in diagnostic session mode.

Long Description: DII should allow a user session to be run manually in a diagnostic mode. In GCCS 2.2, a session can be launched by sourcing the "~/.xsession" file and watching for diagnostic messages in the terminal emulator window. Note that this is a CDE issue that is not under INRI control. INRI is investigating implementation of this software change proposal.

Agency Number: None.

INRI Number: RTO00001469

Short Description: COEExecMgr close problem.

Long Description: The COEExecMgr close problem was fixed in GCCS 2.2. This critical instability fix should be ported to the DII COE. Without it, ELVIS will not operate on an HP in GCCS 2.2. Running COECloseSession from a COE Logout process can kill the COEProcessMgr.

Agency Number: None.

INRI Number: RTO00001472

Short Description: Installer abnormal exit problem.

Long Description: In GCCS, some segments launch terminal emulator windows from their PostInstall or DEINSTALL. Under certain circumstances, the close of the terminal emulator window causes the PostInstall or DEINSTALL to exit with a non-zero return value, which SAInstaller interprets as a sign that installation/deinstallation had failed, and it aborted the installation/deinstallation.

Agency Number: None.

INRI Number: RTO00001474

Short Description: Installer release notes print capability.

Long Description: By DISA request, the capability to print release notes from within the SAInstaller was added in GCCS 2.2. This capability should be included in DII COE 3.0.

Agency Number: None.

INRI Number: RTO00001476

Short Description: UNIX group base security umask problem.

Long Description: The requirement is to secure UB (DII COE) with respect to UNIX groups. All users will have their umask set to at least "2" in GCCS 3.0 (although the long-term goal is "027"), and DII COE must function with at least this constraint. In GCCS 2.2, much care was taken to ensure that files shared among account groups with different UNIX groups had appropriately open permissions. In addition, much use was made of the setgid capability to ensure future files written would be of the correct group.

Previously Reported DII COE Kernel Version 3.0.1.0 Patch (HP-UX 10.20) Software Changes

Agency Number: None.

INRI Number: RTO00001477

Short Description: GCCS requires a diagnostic session mode.

Long Description: CDE should be started in the init 3 and not init 2. This will allow diagnostic maintenance to be performed.

Agency Number: None.

INRI Number: RTO00001480

Short Description: The Installer window does not always list all installed segments.

Long Description: The Installer window does not always list all installed segments. The Installer window seems to have a limit to the number of segments it can list. This limit should be increased so the Installer window can list all installed segments.

Agency Number: None.

INRI Number: RTO00001483

Short Description: Launching of SSO icons failed after a profile switch in a System Administration-based account.

Long Description: Launching of icons failed after a profile switch. For example, switch from the SA_Default to the SSO_Default profile; the SSO_Default icons will not execute. Note that the account has been assigned to the admin group and both AdminMgr and ProcessMgr are running. Security Administration profile icons cannot be launched from an account with a default System Administration profile.

Agency Number: None.

INRI Number: RTO00001484

Short Description: Process Manager security hole.

Long Description: The Process Manager accepts tcp connections, which is a security hole.

Agency Number: None.

INRI Number: RTO00001517

Short Description: PreInstall does not handle errors encountered during processing.

Long Description: PreInstall does not handle errors encountered during processing. The error status needs to be checked and handled as follows: PreInstall should quit processing and provide an error message to the user and update the Installation Log.

Previously Reported DII COE Kernel Version 3.0.1.0 Patch (HP-UX 10.20) Software Changes

Agency Number: None.

INRI Number: RTO00001600

Short Description: Several desktop icons pose a security risk and should be removed.

Long Description: The following icons should be removed from the desktop because they pose a security risk. In the Desktop_Tools folder: Execute Command, Make, Shred File, and Text Editor (Vi). In the Desktop_Apps folder: Create Action and Text Editor.

Agency Number: None.

INRI Number: RTO00001601

Short Description: Missing X11 library links need correction.

Long Description: A problem with an X11 shared library in the developer's environment results in a potentially large increase in the size of the resulting executable. A link to libXm.sl is missing, thereby forcing programs to pick up the static version instead of the shared version. The following corrections should be made:
      /usr/lib/Motif1.2_R6/libXm.sl must be linked to /usr/lib/Motif1.2_R6/libXm.2
      /usr/lib/X11R6/libXm.sl must be linked to /usr/lib/Motif1.2_R6 /libXm.2

Agency Number: None.

INRI Number: RTO00001929

Short-Description : COEGetRoleDir exits unexpectantly.

Long-Description : Upon logging in as any global user with any global profile, it becomes apparent that a number of environment variables are incorrectly set (e.g. USER_MENUS)...one obvious result is that TacPlot will not run. These variables are all set by the output of the COEGetRoleDir executable (/h/COE/bin), which is supposed to return the directory path to the appropriate profile (e.g. /h/USERS/global/Profiles/myprofile), so that USER_MENUS, for instance, can be set to `COEGetRoleDir`/Menus. Instead, for any global user with global profile, COEGetRoleDir segmentation faults.

Workaround: A script was written that emulates COEGetRoleDir (grabbing the profile out of "LastProfiles_0"). The binary was replaced with the script, and the system worked fine. Without this workaround, UB will not operate in a global/NIS+ environment.

Agency Number: D60402

INRI Number: RTO00002005

Short Description: Missing files for profile section.

Long Description: The profile selector does not come up after user login even if it is configured that way. The file, /etc/dt/config/xsession.d/0050.dtwn is missing. This file must be present in order for the profile selector to be invoked after user login but before the user session is started. Contents of file 0050.dtwin is:
  #!/usr/dt/bin/dtksh
  /h/coe/in/profile_select.dtksh -b
Permissions on file should be 755.

Agency Number: D70128

INRI Number: RTO00001380

Short Description: Disappearing menu bar.

Long Description: User with two profiles (C4I and SysAdmin Def). Dropping the selection for C4I caused the menu bar to disappear. Reselecting C4I would not bring the menu bar back. A similar situation occurred with COMMS Acct Grp 1.0.0.1--the menu bar would not reappear until the user logged in and logged back out.

Agency Number: D70774

INRI Number: RTO00001916

Short Description: Cannot redirect print data to a remote printer.

Long Description: Cannot redirect print data to a remote printer.

Agency Number: FO2055

INRI Number: RTO00002083

Short Description: The Network Installer creates a link after PostInstall.

Long Description: The Network Installer creates a link after PostInstall not like the segment installer which creates the links before the PostInstall. The Network Installer should create links before PostInstall is run.

Agency Number: None.

INRI Number: RTO00002024

Short Description: COEInstaller Ignores the Version Number Field wrt Requires and Conflicts.

Long Description: The COEInstaller does not perform a version number check for Requires and Conflicts verification during the installation of segments.
Case 1 - Installation of segment B requires segment A (Version 4.0.0.2) to be installed prior to installation. However, installed segment A has version 3.2.0.0. The COEInstaller allowed segment B to be installed.
Case 2 - Installation of segment B conflicts with segment A (Version number was either missing or less than 4 digits). It was observed that a message box was displayed indicating the segment conflict, however, segment b was installed.

Agency Number: None.

INRI Number: RTO00002085

Short Description: After changing profiles from one acctgrp to another of the same acctgrp, no Chart Bar menu selects or track hook options function.

Long Description: After you change profiles from one profile in a certain account group to another profile of the same account group (note: this is by far the most common case of profile change, specifically changing from GCCS to another GCCS profile), from that point on, no Chart Bar menu selections or track hook options function.

4. Installation Instructions

Refer to the *DII COE Installation Guide for Kernel Version 3.0.1.0 Patch 6* for instructions on installing this Kernel patch.

5. Known Problems and Errors

Refer to the Defense Information Systems Agency (DISA) Government Software Trouble Report (GSPR) database for DII COE Kernel Version 3.0.1.0 Known Problems and Errors.

There are no known problems and errors for the Kernel Version 3.0.1.0 Patch 7.

6. Release Notes

Refer to the *DII COE Version 3.0.1.0 Version Description Document for the Kernel* for more information about the DII COE Version 3.0.1.0 Kernel. For specific information on the DII COE Version 3.0.1.0 Kernel Patches 1, 2, 3, 4, and 6, refer to the appropriate DII COE 3.0.1.0 Version Description Document for each Kernel patch.

1.   The Kernel Version 3.0.1.0 Patch 7 is not deinstallable.

2.   The Kernel Version 3.0.1.0 Patch 5 is a program-specific patch for Global Command and Control System, and as such it is not rolled up into Patch 7. Patch 5 provides for the simultaneous operation of NIS and C2 on the same workstation. If this functionality is desired or required, Patch 5 must be installed prior to Patch 7.

3.   If the COEInstaller performance degrades after several segment installations, please exit the COEInstaller and start the COEInstaller again.

4.   To extend the environment for global profiles with account group types other than Security Administration and System Administration, the `.cshrc.{account group prefix}` must be referenced by a full path in the account group's `.cshrc` file. For example, the `/h/AcctGrps/SysAdm/Scripts/.cshrc` file should contain the line:

     `source /h/AcctGrps/Scripts/.cshrc.SA` instead of `source ./.cshrc.SA`.

5.   Users cannot disable the banner page for a printout. When attempting to disable banners for lp, remote, and local printers, print jobs still print with banners.

6.   If the DII COE Kernel Patch 7 is loaded onto a system that is already configured, then when a user edits System Administration roles (except the default role), the system will not inherit any print administration permissions. If these roles require

print administration capabilities, they may be modified by a Security Administrator to enable the appropriate access.

7.   If the DII COE Kernel Patch 7 is loaded onto a system already configured for NIS, the Print Service will not work because the NIS network service tables will not be updated. To update the NIS service tables, you must load this kernel patch on the NIS master machine, then from a root login shell, run the following commands:

```
cd /var/yp
./ypmake services
```

8.   Common Desktop Environment (CDE) drag and drop functionality does not work for individual COE printers on the CDE printers panel. If a printer is dragged from the `Print Manager` to the `Printer` control on the front panel, an icon is created, and this icon can be used to bring up the `Print Manager`. However, files dragged to this icon will not be printed. Files dragged to the "Default" printer icon will be printed successfully.

9.   Once a printer designated as either the system default or a user default printer is deleted, a new default printer must be selected through the `Print Manager` window.

10.   Once multiple profiles have been enabled (the `Multiple` toggle has been selected as the `Profile Selection Criteria` in the `Profile Selector Configuration` window), the system administrator should not change back to a single-profile configuration. The software does not support this feature.